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USIB-D-71.6/8
26 January 1972

UNITED STATES INTELLIGENCE BOARD

MEMORANDUM FOR THE UNITED STATES INTELLIGENCE BOARD

SUBJECT : Intelligence Information Handling
Committee Mid-Year Report

REFERENCE : USIB-D-71.1/3, 22 October 1968

1. The attached Mid-Year IHC Report from the Chairman, Intelligence Information Handling Committee, covering significant information handling activities in the intelligence community for the first half of FY 72, is submitted herewith for information of Board Members.

2. This report is prepared in lieu of an update to the Fourth Annual Report and is pursuant to the DCI's proposal in reference that it be used as the normal means of reporting on community information handling activities in response to National Security Action Memorandum No. 368. In addition to the regular dissemination to the President's Foreign Intelligence Advisory Board, [redacted] plans to forward a copy of the subject report to Dr. Kissinger after it has been noted by the USIB.

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3. It is not now planned to schedule this report on the USIB agenda for discussion unless specifically requested by a Board Member to do so prior to the close of business 4 February 1972. In the absence of such a request, it will be considered for record purposes that USIB noted the subject report.

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[redacted]

Acting Executive Secretary

Attachment

GROUP 1
Excluded from automatic
downgrading and
declassification

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Attachment
USIB-D-71.6/8

IHC-MM-289
26 January 1972

UNITED STATES INTELLIGENCE BOARD
INTELLIGENCE INFORMATION HANDLING COMMITTEE

MEMORANDUM FOR: Chairman, United States Intelligence Board
SUBJECT : Intelligence Information Handling Committee
Mid-Year Report
REFERENCE : USIB-D-71.1/3, Subject: NSAM 368 (Intelligence
Information Handling System), 22 October 1968

1. Enclosed herewith is the mid-year IHC report covering significant information handling activities in the intelligence community for the first half of FY-72. This report is submitted in lieu of an update to the Fourth Annual Report. The Fifth Annual Report of the IHC, to be submitted at the end of FY-72, will contain administrative details and status of plans and programs for improving the Community Information Handling System (CIHS).

2. The report is prepared pursuant to the DCI's proposal, reference above, that it be used as the normal means of reporting community information handling activities in response to National Security Action Memorandum 368.

[Redacted Signature]

Chairman

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Enclosure

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Enclosure to
Attachment
USIB-D-71.4/8
IHC-MR-1
26 January 1972

MID-YEAR REPORT
of the
INTELLIGENCE INFORMATION HANDLING COMMITTEE
of the
UNITED STATES INTELLIGENCE BOARD

A. INTRODUCTION

In the following paragraphs the Intelligence Information Handling Committee (IHC) provides a report to the United States Intelligence Board (USIB) and the President's Foreign Intelligence Advisory Board (PFIAB) on significant information handling activities during the first half of FY-72. A report containing administrative details and status of plans and programs for improving the Community Information Handling System will be provided at the end of FY-72.

B. COMMUNICATIONS

1. Intelligence Data Exchange--Washington (IDEW). An IDEW working group, chaired by NSA and composed of communications planners from the intelligence community, is involved in long-range planning for improving the exchange of intelligence information in the Washington area. A draft study of community requirements for

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secure communications through the mid-1970's with recommendations for their satisfaction is now under review by the IDEW Group. A final study will be prepared for IHC consideration.

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2. Wideband Communications Network [redacted]

[redacted] is a wide band communications network that could satisfy some of the communications requirements identified in the IDEW study. Successful testing, including the use of commercial multiplexers and communications security equipment, was conducted in July and August 1971 between NSA, CIA, and DIA. During August-October a remote terminal located at CIA was activated

on a [redacted] from CIA to NSA's computer. In October, the Project COINS link between NSA and DIA [redacted]

[redacted] was shifted to [redacted]. There is also a [redacted] connection between [redacted] and DIA/Rosslyn.

C. STANDARDS

1. Federal Information Processing Standards (FIPS). During this period all agencies responded to a USIB/IHC memorandum asking for their compliance, or timetable for compliance, with Federal standards when transmitting information from one agency to another. All agencies will have complied by 31 March 1972.

2. Standards Panel. DIA finished work on a DOD/IDHS Security Markings Standard during this period and will publish it in January

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1972. The Standards Panel is also investigating a possible personality name standard.

3. Content Control Code (CCC) Group. Members of the CCC Group have been involved in two large test programs using different variations of the Code. State Department's Traffic Analysis by Geography and Subject (TAGS) II test, held during November, involved source coding at some 30 posts in five countries. During the same period CIA has been testing and evaluating a 2200 message data base developed when the Code was added to the wire output of the STAT

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D. INFORMATION TRANSFER

1. Inventory. An information storage and retrieval system, Chiefs of State, was nominated by CIA and a system description will be issued as an addendum to the Inventory of Community Information Handling Systems (CIHS). With the addition of this system, there will be fifty-two systems in the Inventory.

2. Intelligence Guidance for COMINT Programming (IGCP). Work continued on tasks assigned to the IHC in the IGCP. Detailed guidance for the Soviet and East European Communist Countries air movement portions of the on-line data base to be established at NSA was developed. The guidance was commented on, or concurred in, by IHC member agencies in preparation for transmitting it to NSA.

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E. EDUCATION AND TRAINING

1. Information Science Center, Defense Intelligence School (DIS/ISC). During the reporting period the DIS/ISC presented the fourth iteration of the courses on Information Science in Support of Intelligence Functions and Survey of Intelligence Information Systems. Although there have been notable improvements made in the "Functions" course, the DIS/ISC continued to experience difficulty in getting the intelligence community to assign their allotted quota of students. Plans are now being formulated within DIS/ISC to restructure the "Functions" course in order to meet objections on its length--12 weeks--posed by IHC members.

2. Indications and Warning (I&W) Course Planning. In September 1971 the Education and Training Subcommittee (E&TS) established an I&W Course Planning Panel under the chairmanship of Mr. Melvin Hendrickson (former Director of National Indications Center, retired). A proposal by the I&W Panel to have the Information Science Center develop a 5-week course, was approved by the E&TS in November 1971. The first pilot course is planned for September 1972.

3. Symposia. The E&TS and the System Design and Development Subcommittee (SD&DS) have established working panels to

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develop agenda and program plans for symposia to be held in 1972. The R&D Symposium Panel of E&TS has scheduled a one day symposium on "Mass Memories" to be held on 13 April 1972 at CIA Headquarters. The Program Committee of the SD&DS has scheduled a symposium on "Terminals" to be held on 23 and 24 May 1972 at CIA Headquarters.

F. RESEARCH AND DEVELOPMENT

Indications and Warning Information Network (IWIN) Concept Paper. The IWIN paper describes in detail a concept for handling information and communications among indications and warning operational centers in the Washington D. C. area. The concept suggests an independent system that provides faster and better common communications services for handling crisis information between approximately 19 centers. Among the services recommended are common secure voice with conferencing capabilities, facsimile, and computer-assisted information exchange. A Working Group of the Research and Development Subcommittee is currently in the process of defining a minimum test prototype configuration of IWIN.

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